GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:5944
ANSWERED ON:02.05.2013
OVERDRAWAL FROM POWER GRID
Bajwa Shri Partap Singh;Sharma Shri Jagdish

Will the Minister of POWER be pleased to state:

(a) the measures in place to check grid outages and power swings in the country at present;

(b) whether the Central Electricity Regulatory Commission (CERC) had laid down certain rules/guidelines regarding overdrawal of power by States after the grid failure incident during the month of July, 2012;

(c) if so, the details thereof and the names of the States that have flouted the said rules/guidelines upto March, 2013 along with the reasons therefor;

(d) the action taken by the Government against those States in this regard; and

(e) the steps taken/proposed to be taken by the Government for increasing the protection system of power grids to prevent future grid disturbances?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER (SHRI JYOTIRADITYA M. SCINDIA)

(a) : Measures such as frequency based automatic load shedding schemes, system protection schemes, primary response from generators through Free Governor / Restricted Governor mode of operation are, at present, in place to prevent grid outages and power swings. Further, RLDCs and SLDCs also keep a watch on the overloading of grid elements even under normal frequency band of operation and advise the concerned utility to check the overloading which may lead to grid outages/power swings.

(b) to (d) : No specific rules/guidelines regarding overdrawal of power by States have been issued by CERC after the grid disturbance incident during the month of July, 2012.

(e) : To prevent the recurrence of the grid disturbances which took place on 30th and 31st July 2012, the Enquiry Committee, constituted by Ministry of Power, had recommended several measures for increasing the protection system of power grids including Third Party Protection Audit (TPA) of the sub- stations throughout the country. TPA has been completed in all regions of the country. Other measures that have been initiated include preparation of comprehensive defense plan covering under-frequency, rate of change of frequency under voltage, system protection schemes to cover large generation and transmission line outages, advise to utilities to prepare outage plans for generating units and transmission lines in consultation with Regional Power Committees.